

In the Claims:

Please amend the following claims:

1. (amended) An isolated [A] protein produced by a method comprising:
culturing a host cell into which has been introduced a DNA expression
vector comprising the following operably linked elements:
a transcription promoter;
a DNA segment comprising a nucleotide sequence shown in SEQ ID NO: 1
from nucleotide 76 to nucleotide 417; and
a transcription terminator, wherein said host cell expresses the polypeptide
encoded by said DNA segment; and
recovering said protein.

Please cancel claims 4 and 5.

REMARKS

Claim 1 has been amended. Claims 2 and 3 incorporate the amendment by virtue of their dependency. Claims 4 and 5 have been canceled. Claims 1-3 are pending.

The specification has been objected to for certain informalities. These informalities have been corrected by amendment to the specification. The errors were typographical and inadvertent. No new matter is introduced by these amendments. The title of the instant patent application has been amended to conform with the Examiner's recommendation. This amendment does not change the scope of the claimed inventions because it does not relate to patentability but to formalities. These amendments obviate the Examiner's objections, and Applicants respectfully request the objections be withdrawn.

Claims 4 and 5 have been objected to for certain informalities. These claims have been canceled, and therefore the objections have been obviated. Applicants request the objections be withdrawn.

Claim 1 has been rejected under 35 U.S.C. § 101 for directed to non-statutory subject matter. The Examiner states that claimed invention cannot be a product of nature, and suggests amending to recite an "isolated" molecule. Applicants have amended the claim, and thus obviated the rejection. Applicants request the rejection be withdrawn.